









HOME AUTOMATION KITS

<p>CK17x</p>  <p>Computer Interface Kit 7pcs</p>	<p>Special 7pcs Home Automation Starter Kit based on the CM11 Computer Interface. Can either be offered in neutral white carton or with nice and attractive retail carton sleeve.</p>	<p>* Contents:</p> <ul style="list-style-type: none"> - CM11 Computer Interface with software and RS232 cable (can also be delivered with USB cable) - AM12 Appliance module - 2x LM12 Lamp module - LM15 Socket Rocket Lamp mod. - TM13 Transceiver module - 8/1 Universal IR/RF R.C. <p>* Customized Kit negotiable</p>
<p>CK13x</p>  <p>Computer Interface Kit 3pcs</p>	<p>Special 3pcs Home Automation Starter Kit based on the CM11 Computer Interface. Can either be offered in neutral white carton or with nice and attractive retail carton sleeve.</p>	<p>* Contents:</p> <ul style="list-style-type: none"> - CM11 Computer Interface with software and RS232 cable (can also be delivered with USB cable) - AM12 Appliance module - LM12 Lamp module <p>* Customized Kit negotiable</p>
<p>DK10x</p>  <p>Barking Dog Kit</p>	<p>If the ReX-10. is armed and an intruder approached your home the outdoor battery operated DM10 sends a wireless RF Signal to the ReX-10 to tell it to start working. If motion continues ReX-10. continues to bark and starts to turn on indoor and outdoor modules connected to X10 modules. Also turns lights on at dusk.</p>	<ul style="list-style-type: none"> * Automatically activates a digital recording of a barking dog * Automatically turns on lights, even at dusk and turns them off again at dawn * Compatible with the full range of Home Automation, Security products and Remote Controls
<p>LK15x</p>  <p>Lighting Starter Kit 3pcs</p>	<p>Special Lighting Starter kit based on the LM15 Screw-In or Bayonet Lamp module. Packed in attractive retail blister. Convenience and security with a remote control e.g. an outside garden light can be used.</p>	<p>* Contents:</p> <ul style="list-style-type: none"> - TM13 Transceiver module - LM15 Socket Rocket (Screw-In or Bayonet) - KR22 H.A. Key Chain Remote <p>* Customized Kit negotiable</p>
<p>MK13x (with MT10 or MT12)</p>  <p>Mini-Timer Kit 3pcs</p>	<p>Attractive Starter kit based on MT10 or MT12 Mini-Timer. Can be used as Wake-up alarm and base console to control your lamp- and appliances via the main Power Line.</p>	<p>* Contents:</p> <ul style="list-style-type: none"> - MT10 or MT12 Mini-Timer - AM12 Appliance module - LM12 Lamp module







Home Automation



<p>TK13x</p>  <p>Home Control Kit 3pcs</p>	<p>Control your lamp- and appliances like (audio, video appliances, coffee machine, water pump etc) with one URC remote control. Built-in Home Automation features allows you to remotely control light- and appliances.</p>	<p>* Contents:</p> <ul style="list-style-type: none"> - UR24, UR76, UR81SLR, URTSRF 8/1 remote control - TM13 Transceiver module - LM12 Lamp module
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HOME AUTOMATION CONTROLLERS

<p>CM15</p>  <p>Plug-In Universal Computer Interface incl. TM13 &</p>	<p>You now have the power to control your whole home from your computer! With ActiveHome Pro and your X10 Modules you can create schedules for your lights and appliances, set up groups of commands for your daily life, and keep lights and appliances off when they're not in use. Use ActiveHome Pro to make your home more comfortable, and more secure.</p>	<ul style="list-style-type: none"> * Software CD - Contains ActiveHome programs * Home Automation Interface CM15 - Sends commands to Lamp/Appliance Modules (Modules may be included or sold separately depending on which kit you purchased) * USB Cable Connects your PC to the Interface * Works with the PC switched off.
<p>CM11x</p>  <p>Plug-in Universal Computer Interface</p>	<p>Now your PC can control your entire house for comfort, convenience, security, entertainment and energy saving. The ActiveHome interface allows your PC to respond to signals from X10 remotes, so with the push of a single button you can trigger a whole set of events! Bring your home to life with great features like Virtual Wiring™, scheduled scenes, and manual scenes (or macros).</p>	<ul style="list-style-type: none"> * A learn mode lets your home interact and adjust itself to your daily routine! * Controls 256 different X10 addresses, 128 settings each. * Includes software on CD-Rom. * Works with the PC switched off. * Back up battery 2 x AAA (not incl.) * 230V, 50Hz * Also available with USB cable
<p>CM19</p>  <p>2-Way RF Receiver</p>	<p>The CM19 Computer Interface sends and receives Wireless RF signals and works with BMB HOME's/X10 software. With the software you can automatically turn on lights, appliances and cameras when motion is detected and also lets you control lights, appliances and cameras over the internet.</p>	<p>* Use of the CM19 requires Windows 95 OSR 2.1 with USB support, or Windows 98, 2000, Me, or XP</p>
<p>IR7243IR, IR7243IR/RFx</p>  <p>Smart H.A. Mini Controller</p>	<p>This Mini Infrared Command Console lets you use an IR/(RF) remote controller capable of transmitting X10 IR(RF) commands to turn on lights and appliances connected to X10 modules. It also includes buttons to control up to 16 X10 products directly from the console, including bright and dim functions and all lights on/off.</p>	<ul style="list-style-type: none"> * 2 Flashing LED'S * IR to PLC converter * IR/RF to PLC converter also available * All units On / All units Off button * Dim and Bright button * 230V, 50Hz







Home Automation




<p>MT10x</p>  <p>LED Mini-Timer Controller</p>	<p>Provides for whole house programmable remote control from one location through X10 lamp, appliance, and wall switch modules. Applications are virtually endless.</p> <p>Gives your home a lived-in appearance for additional security even when you are not at home.</p>	<ul style="list-style-type: none"> * Bright LED clock display * Wake-up alarm * Independent on/off timer control of four groups of X10 modules * Security random lamp function with battery backup (not included) * 230V, 50Hz
<p>MT12x</p>  <p>LCD Mini Timer Controller with Mode setting</p>	<p>With the Mini-Timer, you get the world's most powerful Alarm Clock and Digital Timer in one! Control up to 8 different lights and appliances connected through X10 Lamp, Appliance, Transceiver or Wall Switch Modules. Schedule lights and appliances to go on and off when you need. Turn off your child's radio or nightlight from your bedside and dim your bedside lamp. You can even turn on all lights on with the touch of a button if you hear a suspicious noise at night.</p>	<ul style="list-style-type: none"> * Control up to 8 different light-and appliances * · Awake to bedroom lights turning on, then your bathroom and next your kitchen * Independent on/off timer control of four groups of X10 modules * Left your lights on? A single press button turns all your lights off! * Here a noise! Turn on all the lights with a single press of the button * 230V, 50Hz
<p>MC10x</p>  <p>Home Automation Mini Contr.</p>	<p>The Mini Controller lets you remotely control lights and appliances from anywhere in your home. You can turn off your child's night light or the television downstairs without getting out of bed at night. Your Mini Controller can turn on all connected lights and appliances up to 8 different modules (addresses) with the push of a button. And, you can turn off everything in the system with one button to conserve energy. You also can dim and brighten lights with your Mini Controller.</p>	<ul style="list-style-type: none"> * Control up to 8 different light-and appliances - Turn on/off your TV, stereo system, radio, fan or other appliances anywhere in your home - Dim/brighten and turn on/off lamps from your easy chair or bedside table * 230V, 50Hz
<p>SC28x</p>  <p>Wireless Voice Dialler Security & Advanced H.A. Controller</p>	<p>Fully supervised 32 zone security system that gives you the power to protect your home whether you are at home or away. Built-in prevention features makes your house "lived-in". Centralized console always ensures you about the status of your home. Remote control of alarm light and appliances from anywhere in the world with any telephone (pulse or dialing). Keypad and remote control operated.</p>	<ul style="list-style-type: none"> * Temperature control up to 4 thermostats TS10 (optional) * 7 days timer with 14 timer points e.g. create a lived in look while you are away * Dial-in (from anywhere in the world) for Alarm, Home Automation and Temperature status and setting * Listen-in functionality and Events Log * Rechargeable batteries for base console (included)!





<p>SD10</p>  <p>SunDowner/Mini Controller</p>	<p>The Sundowner let you remotely control lights and appliances from anywhere in your home. You can keep it by the bedside and turn off the TV and the lights and turns off a 2nd room lights from elsewhere.</p>	<ul style="list-style-type: none"> * Controls up to 8 modules * Uses the house wiring * Switches all lights on automatically at night time * Turns all light on or all units off at the touch of a button * 230V, 50Hz
<p>SM10x</p>  <p>Burglar Alarm Interface</p>	<p>Connects to the output of an existing, non X-10 burglar alarm, and flashes house lights when your alarm is tripped. Works with X-10 lamp and appliance modules. Easy to use door entry security system to activate lamp/appliance via magnetic contact.</p>	<ul style="list-style-type: none"> * 3 modes of operation. * Activated by a low voltage input or dry contact closure * Contact Closure ->PLC * 230V, 50Hz
<p>UM7206x</p>  <p>Universal Module</p>	<p>This module uses isolated contacts to control such devices as sprinkle systems, drapery controls, garage door openers, any kind of low voltage load. It can be set for momentary or sustained contact closure, and has a built in chime to use an annonciator.</p>	<ul style="list-style-type: none"> * Controls low voltage devices * Operates as a beeper * Test (On) button and Unit Off button * 5A at 24VDC * PLC -> Low Voltage Contact Closure
<p>XM10x</p>  <p>Plug-in Two Way PLC Interface</p>	<p>The Two-way PLC interface has been designed for controller manufacturers to implement X10 PLC control. The function of the PLC control is decided by the controller manufacturer and implemented in the controller panel which generates X10 codes, which the interface transfers onto the PowerLine. All patent related criteria are satisfied within the interface.</p>	<ul style="list-style-type: none"> * LED lamp to indicate power * RJ11 socket * 230V, 50Hz * TTL/CMOS I/O <-> PLC



DIN-RAIL MODULES

<p>AD10</p>  <p>Switch Din Rail</p>	<p>The DIN rail Switch is a remote controlled relay. Mounted on a DIN rail in a distribution box, it switches hard-wired circuits with several wall switches. The internal relay can be tripped either by a X10 Controller or by external contacts. When the relay is energized, the LED above the slide switch is illuminated.</p>	<ul style="list-style-type: none"> * Works with standard latched or momentary action wall switches including "designer" wall switches. * 3600W (incandescent lamps) * 3A (motors), 16A (resistive loads) * 230V, 50Hz
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<p>FD10</p>  <p>Filter/Coupler Din Rail Mount</p>	<p>The signal of high frequency pulses via the mains network can be affected by active or passive interferences. When used correctly, the Filter/Phase Coupler will extensively suppress these interferences.</p>	<ul style="list-style-type: none"> * Prevents X10 signals from leaving, entering the home * Couples signals across phases * 63A * 230V, 50Hz
<p>LD11</p>  <p>Dimmer Din Rail w. memory dim</p>	<p>The DIN rail Dimmer is a receiver module that serves as remote controlled dimmer. Mounted on a DIN rail in a distribution box, it dims/switches hard-wired circuits with several wall switches. The dimmer can be controlled either by an X10 controller, or by external contacts (wall switches).</p>	<ul style="list-style-type: none"> * Works with standard latched or mom-entry action wall switches including "designer" wall switches * Soft Dim/Soft Start and remembers is lights lever for smooth lighting. * Making capacity 60W to 700W * Fuse: 3.15A (T) * 230V, 50Hz






PLUG-IN MODULES

<p>AM12x</p>  <p>Plug-In Switch/Appliance Mod.</p>	<p>500w plug-in module for controlling appliances such as air conditioners, TV's, stereo's, coffee pots, etc.</p> <p>Can be controlled by any X10 controller.</p> <p>On / off function</p>	<ul style="list-style-type: none"> * Max 3600 Watts (incandescent lamps) * 1A (motors) 16A (resistive loads) * Dimensions: 52x122x33mm * 230V, 50Hz
 <p>Plug-In Universal Computer Interface incl. TM13 &</p>	<p>You now have the power to control your whole home from your computer! With ActiveHome Pro and your X10 Modules you can create schedules for your lights and appliances, set up groups of commands for your daily life, and keep lights and appliances off when they're not in use. Use ActiveHome Pro to make your home more comfortable, and more secure.</p>	<ul style="list-style-type: none"> * Software CD - Contains ActiveHome programs * Home Automation Interface CM15 - Sends commands to Lamp/Appliance Modules (Modules may be included or sold separately depending on which kit you purchased) * USB Cable Connects your PC to the Interface * Works with the PC switched off.




Home Automation







<p>CM11x</p>  <p>Plug-In Universal Computer Interface</p>	<p>Now your PC can control your entire house for comfort, convenience, security, entertainment and energy saving. The ActiveHome interface allows your PC to respond to signals from X10 remotes, so with the push of a single button you can trigger a whole set of events! Bring your home to life with great features like Virtual Wiring™, scheduled scenes, and manual scenes (or macros).</p>	<ul style="list-style-type: none"> * A learn mode lets your home interact and adjust itself to your daily routine! * Controls 256 different X10 addresses, 128 settings each. * Includes software on CD-Rom. * Works with the PC switched off. * Back up battery 2 x AAA (not incl.) * 230V, 50Hz * Also available with USB cable
<p>FM10x</p>  <p>Plug-In Filter (16A)</p>	<p>The signal transmission of high frequency pulses via the mains network can be affected by active or passive interferences. When used correctly, the plug-in filter will extensively suppress an interference from a poor quality power supply or motor.</p>	<ul style="list-style-type: none"> * Prevents X10 signals from leaving, entering the home * Couples signals across phases * 63A * 230V, 50Hz
<p>LM12x</p>  <p>Plug-In Dimmer Module</p>	<p>A plug-in module for incandescent lamps. Ideal for controlling bedroom, living room, and family room table lamps.</p> <p>Also re-ponds to dim and brighten commands from X10 controllers.</p> <p>On/Off and dimmer control</p>	<ul style="list-style-type: none"> * Fuse: 3A * 40-300W load rating * 230V, 50Hz
<p>LM15ES/EB</p>  <p>Lamp Switch Screw-in /Bayonet</p>	<p>There is no installation to be carried out. Just screw it in the lamp fitting. It will adopt the first address it receives through the mains as its house and unit code. (there is an E² prom that stores the house and unit code even when the power is cut)</p>	<ul style="list-style-type: none"> * Small enough to fit into most lamp fittings where it is hidden from sight. * Screw-In and Bajonet version. * On/off control of incandescent lighting. * 60-150 W (incandescent lamps only) * 230V, 50Hz
<p>TM13x</p>  <p>Plug-In Transceiver & Switch</p>	<p>RF remotes transmit commands to a Transceiver Module which then passes X-10 commands over the Mains PowerLine to the X10 modules. Can also be used as a normal appliance module. Status indication through CM11 and Active Home Software.</p>	<ul style="list-style-type: none"> * Built-in appliance module * Compatible with all X10 Wir. Rem. * RF-PLC Interface * 5A (TM13) resistive load * 1A Motors load * 433.92MHz * 230V, 50Hz * CE approved




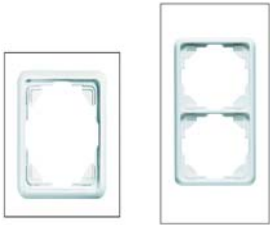
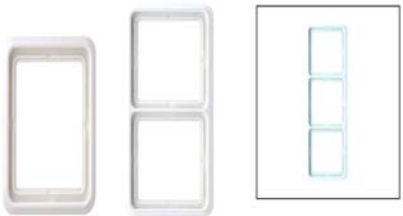



<p>XM10x</p>  <p>Plug-In Two-Way PLC Interface</p>	<p>The Two-way PLC interface has been designed for controller manufacturers to implement X10 PLC control. The function of the PLC control is decided by the controller manufacturer and implemented in the controller panel which generates X10 codes, which the interface transfers onto the PowerLine. All patent related criteria are satisfied within the interface.</p>	<ul style="list-style-type: none"> * TTL/CMOS I/O <-> PLC * LED lamp to indicate power * RJ11 socket * 230V, 50Hz
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ON-WALL SWITCHES & WIRED MODULES

<p>AM12W</p>  <p>Switch/Appliance Mod. Wired</p>	<p>The AM12W is a wired appliance module that can be fitted easily in any ceilings, walls. On / Off function Has the same technical specification as the AM12</p>	<ul style="list-style-type: none"> * Max 3600 Watts (incandescent lamps) * 1A (motors) 16A (resistive loads) * 40 - 300W * 230V, 50Hz
<p>AW10G</p>  <p>Wall Mounted Switch G type</p>	<p>Replaces your existing standard wall switches. The AW10 receives signals form X10 controllers. For automation of indoor/outdoor lights including front porch, patio, hallway, and stairway lights</p> <p>Push-action paddle for local control</p>	<ul style="list-style-type: none"> * On/Off control of fluorescent lighting On/Off control of appliances such as heaters/fans etc rated up to 10A * Supplied with frame and paddle. * 230V, 50Hz
<p>AW10U</p>  <p>Switch Wall Mounted UK type</p>	<p>Replaces your existing standard wall switches. The AW10 receives signals from X10 controllers. For automation of indoor/outdoor lights including front porch, patio, hallway, and stairway lights</p> <p>Push-action paddle for local control</p>	<ul style="list-style-type: none"> * On/Off control of fluorescent lighting On/Off control of appliances such as heaters/fans etc rated up to 10A * Supplied with frame and paddle. * 230V, 50Hz
<p>LW10U</p>  <p>Dimmer Wall Mounted UK</p>	<p>Replaces any normal dimmer for X10 control of branch lighting circuit rated between 60w and 500W. Works with X10 controller and momentary action wall switches.</p> <p>Can also be used like an ordinary dimmer Push-action paddle for local control</p>	<ul style="list-style-type: none"> * Soft Dim/Soft Start and remembers its light lever for smooth lighting. * Supplied with frame and paddle * 60 - 300W load rating * Fuse: 2.5A (T) * 230V, 50Hz








<p>LM12W</p>  <p>Dimmer Module Wired</p>	<p>The wired Lamp Module is a module that can be fitted easily in any ceilings, walls. On/Off function and Dimming control. The LM12W can be built-in, wired to the light or lamp it has to controlled. Has the same technical specifications as the LM12</p>	<ul style="list-style-type: none"> * Fuse: 3A * 40 - 300W load rating * Dimensions: 52x122x33mm * 230V, 50Hz
<p>LW11G</p>  <p>Dimmer Wall Mounted German</p>	<p>Replaces any normal dimmer for X-10 control of branch lighting circuit rated between 60w and 500W. Works with X-10 controller and momentary action wall switches. Can also be used like an ordinary dimmer Push-action paddle for local control</p>	<ul style="list-style-type: none"> * Fuse: 3A * 60 - 500W load rating * Dimensions: 52x122x33mm * 230V, 50Hz
<p>SW10G</p>  <p>Shade Shutter Switch</p>	<p>Replaces any normal dimmer for X10 control of branch lighting circuit rated between 60w and 500W. Works with X10 controller and momentary action wall switches. Can also be used like an ordinary dimmer Push-action paddle for local control</p>	<ul style="list-style-type: none"> * Soft Dim/Soft Start and remembers its light lever for smooth lighting. * Supplied with frame and paddle * 6A Motors * Fuse: 2.5A (T) * 230V, 50Hz
<p>5581WW en 5582WW</p>  <p>Jung accessories</p>	<p>CD5581, CD5582 en CD5583</p>  <p>Jung accessories</p>	<p>PRCG en PRCW</p> 







In-Wall Modules

<p>AW12</p>  <p>Switch In-Wall Appliance Mod.</p>	<p>The AW12 Micro Module can be mounted behind any wall switch, even most designer switches. It is an X10 receiver module that can be controlled by any X10 controller or remote control sending X10 signals. The AW12 reacts to standard X10 protocols: "ALL UNITS ON", "ALL UNITS OFF", "ALL LIGHTS OFF" from any X10 controller.</p>	<ul style="list-style-type: none"> * Works with any X10 controllers * Max 2000 Watts (incandescent lamps) * 3A (motors), 16A (resistive loads) * 230V, 50Hz
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<p>LW12</p>  <p>Dimmer In-Wall Lamp Mod.</p>	<p>The LW12 Micro Module can be mounted behind any wall switch, even most designer switches. It is an X10 receiver module that can be controlled by any X10 controller or remote control sending X10 signals. It can also be turned Off, On Dim or Bright by external momentary action wall switches.</p>	<ul style="list-style-type: none"> * Works with any X10 controllers * 2 wires, no neutral * On/Off and dimmer remote control * Softstart and softdim * Memory function of last dim position * Dimmer 60 - 250W * 230V, 50Hz
2-Way In-Wall modules		
<p>SAIX(16A)</p>  <p>Swich In-Wall actor/ interface</p>	<p>The SAIX is both a switch actor and interface and can be build-in in a backbox behind light or pulse switches. With the SAIX you can control your lights and appliances locally as well as from a distance via an RF remote control.</p>	<ul style="list-style-type: none"> * 230V, 16A suitable for ohmic, inductive and capacitive loads * Control a maximum of two consecutive addresses * Can be used in group commands * Automatic status report possible
<p>DAIX10 (25 - 250W)</p>  <p>Dim In-Wall actor/interface</p>	<p>The DAIX10 is both a dimmer actor and dimmer interface. This module can be build-in in a backbox behind a (toggle) pulse switch. By using the DAIX10 you can control your lights and appliances locally as well as from a distance via an RF remote control.</p>	<ul style="list-style-type: none"> * 25-250W * Suitable for 230V conventional and halogen lighting and low voltage halogen lighting with a coil wound or electrical transformer * Can be used in group commands * State of memory function switches on to last dimming position
<p>AIX</p>  <p>On/Off In-Wall Interface</p>	<p>The AIX is a switch interface that can be build-in in a backbox behind switches or pulse switches. By using the AIX is is possible to switch lights or appliances provided with switch actors via RF remote control. Used in combination with a SAIX, the AIX can carry out various alternating and crisscross switching operators</p>	<ul style="list-style-type: none"> * Send On/Off commands * Can control up to max. 4 addresses * Autamatic status adaption or fixed mode * Status can be requested after commands have been sent * Can be connected to a potential-free outlet of an external electrical appliance
<p>DIX2</p>  <p>Dim In-Wall interface</p>	<p>The DIX2 is a dimmer interface that can be build-in in a backbox behind a toggle pulse switch. By using the DIX2 lighting provided with a dimmer actor can also be switched or dimmed via an RF remote control.</p>	<ul style="list-style-type: none"> * Sends On/Off commands * Can control up to a maximum of two addresses * Two wires per address; 1 for on/bright and 1 for off/dim * Can only be used with toggle pulse switches







<p>DIX1</p>  <p>Dim In-Wall Interface</p>	<p>The DIX1 is a dimmer interface that can be build-in in a backbox behind pulse switches. By using the DIX1, lighting points provided with a dim actor can be dimmed and/or switched locally or via an RF remote control.</p>	<ul style="list-style-type: none"> * Sends On/Off commands * Can control up to a maximum of four addresses * One wire per address for on, off, bright and dim * Can only be used with pulse switches * Status can be requested after commands have been sent
 <p>Jung switches</p>	 <p>Jung switches</p>	<ul style="list-style-type: none"> * BMB supplies a full range of Jung switches which are available from stock.
<p>SAIX12</p>  <p>Switch actuator/ interface 230V In-Wall module</p>	<p>The SAIX12 is both a switch actor and interface and can be build-in in a backbox behind light or pulse switches. With the SAIX you can control your lights and appliances locally as well as from a distance via an RF remote control.</p>	<ul style="list-style-type: none"> * Can be used to switch socket outlets, luminaires and in combination with motion sensors * Can be operated with (rocker) switches and retractive switches * Provided with two 230V inputs, possibility to operate a luminaire with different switches using only one module * One switch 16A output with integrated, patented, hybrid circuit * Two independently programmable addresses
<p>DAIX12</p>  <p>Dim actuator/ interface 230V In-Wall module</p>	<p>The DAIX12 is both a dimmer actor and interface. This module can be build-in behind retractive switches. By using the DAIX12 you can control your lights and appliances locally as well as from a distance via an RF remote control.</p>	<ul style="list-style-type: none"> * Can be used to dim sockets and luminaires up 250W * Can be operated with retractive switches * Provided with two 230V inputs, possibility to operate a luminaire with two different switches using only one module * One 25-250Watt output * Suitable for conventional and halogen lighting and low voltage halogen lighting with a coil wound or
<p>IMX10</p>  <p>Multifunctional interface, In-Wall module</p>	<p>The IMX10 is a multifunctional interface which can be build-in behind (rocker) switches and retractive switches for making macro's. By using the IMX10 you can control light and appliances locally or via an RF remote control</p>	<ul style="list-style-type: none"> * Can be used to control various switch and dim actors or light scenarios * Provided with four potential free contact inputs * Four independently programmable addresses and functions. * Can be operated with (rocker) switches and retractive switches * Sends switch, dim and group commands



<p>ZAX12</p>  <p>Blind actuator In-Wall module</p>	<p>Can be used to control electrical sun blinds, rolling shutters and curtains. Two independently programmable addresses (Motor and Preset).</p>	<ul style="list-style-type: none"> * Provided with four 230 V-inputs * One output to operate 2,5 A, 230V Vac motors * Can be operated with retractive switches * Preset and Lock function * Can be programmed remotely
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FILTERS/COUPLERS/REPEATERS

<p>CAT6272</p>  <p>PLC Signal Repeater 3-phase (active coupler)</p>	<p>In large installations with 3 phase electric supply, for best results the Signal Repeater ensures the X10 Signal will reach anywhere in your house. Wherever the X10 signal transmitter is located, the Signal Repeater will pick up the signal and re-transmit on the other phases and repeat on the same phase.</p>	<ul style="list-style-type: none"> * Couples X10 signals across phases * Repeats the signal to normal power * Dimensions: 75 x 120 x 40 mm * 230V, 50Hz
<p>ARC3</p>  <p>Active Repeater and 3-phase coupler</p>	<p>The phase coupler (ARC3) receives In Wall modules commands. These signals are then amplified to the maximum signal level and transmitted on all phases.</p>	<ul style="list-style-type: none"> * The phase coupler receives In-Wall module commands * The signals are then amplified to the maximum signal level and transmitted on all phases * The phase coupler must be connected to a 16 A 3 phase circuit
<p>FD10</p>  <p>Filter/Coupler Din Rail</p>	<p>The signal of high frequency pulses via the mains network can be affected by active or passive interferences. When used correctly, the Filter/Phase Coupler will extensively suppress these interferences.</p>	<ul style="list-style-type: none"> * Prevents X10 signals from leaving, entering the home * Couples signals across phases * Passive Coupling * 63A * 230V, 50Hz
<p>FM10x</p>  <p>Plug-in Filter (16A)</p>	<p>The signal transmission of high frequency pulses via the mains network can be affected by active or passive interferences. When used correctly, the plug-in filter will extensively suppress an interference from a poor quality power supply or motor.</p>	<ul style="list-style-type: none"> * Prevents X10 signals from leaving, entering the home * Couples signals across phases * 63A * 230V, 50Hz * CE approved






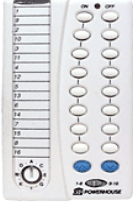

Home Automation



<p>SR9231</p>  <p>RF 433MHz Signal Repeater</p>	<p>Works with all X10 Wireless Security and RF Automation products (except the POWERMID). Increases the RF range by up to 30m.</p>	<ul style="list-style-type: none"> * Test button * Range 30M * 230V, 50Hz * suitable for HA and Security products
<p>TF678</p>  <p>PLC Signal Bloker</p>	<p>The X-10 signal blocker filter is designed to be installed at the input of the consumer unit breaker panels or fuse boxes. This allows X10 signals to pass between different wiring circuits, but prevents them from leaving the household and interfering with X10 equipment in nearby homes. It also prevents other signals or interferences from penetrating into the house network from outside.</p>	<ul style="list-style-type: none"> * 200A Filter/Coupler * Same features as FD10 * 230V, 50Hz
<p>PLCAUTO</p>  <p>PLC Auto Test Set (Rec+Trans)</p>	<p>Test Equipment for signal strength or noise levels. These devices exist to help installers test the design and set-up of any X10 system for reliability.</p>	<ul style="list-style-type: none"> * XPTT: Sends a continuous X10 command signal transmission from the location where it is plugged in. * XPTR: Measures the strength of X10 command signals throughout the home <p>These devices simply plug-in and are recommended for testing all X10 installations.</p>
<p>UPU</p>  <p>Universal Programming Unit</p>	<p>The UPU is an indispensable tool for the proficient installation of In Wall modules. With this programming unit, the In Wall modules can be easily programmed. Furthermore, the In Wall modules commands can be sent and received and shown in the display. In addition, the intensity of the signal and noise level can be measured. In this way, it is possible to inspect the lighting network before the system is installed, isolate any interference with a filter and to test modules at the moment of fitting. Finally, the complete installation can be tested before it is handed over to the resident.</p>	<ul style="list-style-type: none"> * Easy to read LCD display * Transmits and receives X10 signals * Makes commands that have been sent visible









WIRELESS (RF) PRODUCTS

<p>COD18</p>  <p>Wireless Smoke Detector</p>	<p>The CO detector can be connected to various X10 alarm systems like the Protector sets (BS880) and the Homeguard (BS8000). The CO detector works on batteries. When carbon monoxide or smoke is detected the smoke detector will send a wireless signal to the alarm centre.</p>	<ul style="list-style-type: none"> * Sends RF signals within a range of 15-30 meters through walls and ceiling to the X10 security console * Send out an alarm when smoke is detected
<p>CM19</p>  <p>Two-Way (RF <-> PC Interface)</p>	<p>The CM19 Computer Interface sends and receives Wireless RF signals and works with BMB HOME's/X10 software. With the software you can automatically turn on lights, appliances and cameras when motion is detected and also lets you control lights, appliances and cameras over the internet.</p>	<ul style="list-style-type: none"> * Use of the CM19 requires Windows 95 OSR 2.1 with USB support, or Windows 98, 2000, Me, or XP
<p>GD18</p>  <p>Wireless Gas Detector compatible with X10 Security</p>	<p>The gas detector can be connected to various X10 alarm systems like the Protector sets (BS880) and the Homeguard (BS8000). The smoke detector works on batteries. When a flammable gas is detected (like i.e. LP Gas, natural gas or Methane) the gas detector will send a wireless signal to the alarm centre.</p>	<ul style="list-style-type: none"> * Sends RF signals within a range of 15-30 meters through walls and ceiling to the X10 security console * Send out an alarm when flammable gas is detected
<p>HR10</p>  <p>RF Remote Control (16 Ch.)</p>	<p>Allows you to control up to 16 (per house code) X10 lights and appliances connected to X10 modules (on the specified house code) remotely. Has dim and brighten control for incandescent lighting.</p>	<ul style="list-style-type: none"> * Works with Transceiver Module or Security/personal assistance consoles * can control up to 16 modules/addresses * Range 30M * Battery operated: (4 x AAA battery, not included) * RF 433.92MHz
<p>KR22</p>  <p>RF Slimline Keyfob (4 Ch.)</p>	<p>Allows you to control up to 4 appliances or lights remotely when used with X10 RF base receivers. Has dim and brighten control for incandescent lighting. Ultra-flat Keychain design.</p>	<ul style="list-style-type: none"> * Compatible with all X10 H.A. RF Transceivers. (e.g. TM13) * Range 20M * Battery operated (included) * RF 433.92MHz



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<p>MS13E</p>  <p>Wireless Motion Detector</p>	<p>This unique product takes you above and beyond the capabilities of similar looking devices. In addition to turning on dual floodlights when the detector picks up motion, the PR7211 can turn on up to 4 X10 modules in or around your home. Security and convenience applications for this product are endless. Can be turned on or off from other X10 controllers.</p>	<ul style="list-style-type: none"> * PIR Detector * Photocell for dusk/dawn functionality * Activate indoor or outdoor lighting, or sound a chime to alert you when someone approaches * Outdoor dual floodlights (not included) * RF 433.92MHz
<p>SS13</p>  <p>RF WallSwitch 3Ch.+ bright / dim</p>	<p>Slim and elegant designed wall switch which allows you to control 3 modules from anywhere in the home. It is normally used with a TM13 transceiver module which passes through all codes from the wireless wall switch onto the powerline to control the X10 modules.</p>	<ul style="list-style-type: none"> * X10's RF wireless switches work with RF receivers to allow you to virtually re-wire your home. Convenient alternative to contractor installed switches. * Attaches to any surface using Velcro™ or screws (provided). * Range 30M * Battery operated (Included) * RF, 433.92MHz
<p>SD18</p>  <p>Wireless Smoke Detector compatible with X10 Security</p>	<p>The smoke detector can be connected to various X10 alarm systems like the Protector sets (BS880) and the Homeguard (BS8000). The smoke detector works on batteries. When smoke is detected the smoke detector will send a wireless signal to the alarm centre.</p>	<ul style="list-style-type: none"> * Sends RF signals within a range of 15-30 meters through walls and ceiling to the X10 security console * Send out an alarm when smoke is detected
<p>TS10</p>  <p>RF Digimax 210 (Thermostat)</p>	<p>RF receiver for Digimax 210</p> 	<ul style="list-style-type: none"> * No wires to install * Ideal for combi boilers * X10 compatible
<p>SH600</p>  <p>RF Sec. Remote Control</p>	<p>This full featured remote can be added to any X10 Security console to arm and disarm the system. Control for up to 4 other devices also allows you to brighten and dim, turn on and off lights and appliances, throughout the home. Available in both white as grey color!</p>	<ul style="list-style-type: none"> * Works with Transceiver Module or Security/personal assistance consoles * Panic button * Range 30m * Battery operated: (4 x AAA battery not included) * Can also be used as Home Automation Remote Control * RF, 433,92MHz





Home Automation





<p>UR24</p>  <p>8/1 Universal IR+RF R.C.</p>	<p>The 8/1 remote control replaces almost all remote controls from TV's,VCR, DVD and SAT receivers. Controls X10 modules via RF signal. Extensive code library. With automatic code search function and learning function of the original control codes.</p>	<ul style="list-style-type: none"> * Replaces 8 remotes * Includes separate satellite, CD and * X10 Home Automation buttons Easy to set up * Learning function to record commands from existing remotes * RF, 433,92Mhz
<p>UR76</p>  <p>8/1 Universal IR+RF R.C.</p>	<p>The "new" 8/1 remote control with full menu functions replaces almost all remote controls from TV's,VCR, DVD and SAT receivers. Controls X10 modules via RF signal. Extensive code library. With automatic code search function and learning function of the original control codes.</p>	<ul style="list-style-type: none"> * Replaces 8 remotes * Includes separate satellite, CD and X10 Home Automation buttons * Easy to set up * Learning function to record commands from existing remotes * RF, 433.92Mhz
<p>URTSRF</p>  <p>8/1 Touchscreen remote IR+RF</p>	<p>The URTSRF is designed to control up to 8 devices (TV, VCR, CD, SAT, CBL, DVD, AUDIO and X10 Home Automation. To allow direct control of all these appliances in a convenient way, the URTSRF includes Touchscreen. The Touchscreen can display only the functions you need during a certain sequence e.g. during the setting of URTSRF to control A/V appliance or when you are controlling one of your appliances.</p>	<ul style="list-style-type: none"> * Replaces 8 remotes * Includes separate satellite, CD and X10 Home Automation buttons * Easy to set up * Learning function to record commands from existing remotes * The screen can be customized * IR learning up to 150 keys, 9 user programmed Macros * All Power Off and sleep timer feature * Backlight screen
<p>UR81SLR</p>  <p>8 in 1 Universal IR+RF learning Remote Control (Take Control)</p>	<p>Universal remote control for up to 8 A/V appliances including Home Automation X10. Works with present and future equipment (preprogrammed and learning capability). With easy to use 'Macro' function, switch all equipment to the desired setting with one press of a button. With the 'IR Link' Receiver (optional) you can control equipment which is out of sight, anywhere in your house, even through walls and ceilings</p>	<ul style="list-style-type: none"> * Replaces 8 remotes * Learning function to record commands from existing remotes * Works through walls and floors * The X10 transceiver module (optional) gives the ability to control lights and other electrical appliances. * A source LED indicates which device you are controlling.
<p>UR86E</p>  <p>PC Remote Control</p>	<p>Remote Control for your PC. Control the MultiMedia functions on your PC. When your TV is connected to a TV, you can control PC media files on the TV or Stereo. The PC Control is also a universal IR remote control for all your audio and video equipment.</p>	<ul style="list-style-type: none"> * Wide range wireless mouse control * (RF 10-20m) * Works through walls and floors * Control your lights and appliances with X10 modules * Includes Showshifter software, USB receiver and Universal Remote Control



<p>UR86EL</p>  <p>UR86E+ Learning functions</p>	<p>Remote Control for your PC. Control the MultiMedia functions on your PC. When your TV is connected to a TV, you can control PC media files on the TV or Stereo. The PC Control is also a universal IR remote control for all your audio and video equipment.</p>	<ul style="list-style-type: none"> * Wide range wireless mouse control * (RF 10-20m) * Works through walls and floors * Control your lights and appliances with X10 modules * Includes Showshifter software, USB receiver and Universal Remote Control * Plus Learning Functions
<p>WD18</p>  <p>Wireless Water Detector compatible with X10</p>	<p>The water detector can be connected to various X10 alarmsystems like the Protector sets (BS880) and the Homeguard (BS8000). The water detector works on batteries. When water is detected the waterdetector will send a wireless signal to the alarm centre.</p>	<ul style="list-style-type: none"> * Sends RF signals within a range of 15-30 meters trough walls and ceiling to the X10 security console * Send out an alarm when water is detected

Various

<p>UR81S/B+IR7243 Kit</p>  <p>IR to PLC Converter Kit</p>	<p>This Mini Infrared Command Console lets you use an IR/(RF) remote controller capable of transmitting X10 IR(RF) commands to turn on lights and appliances connected to X10 modules. It also includes buttons to control up to 16 X10 products directly from the console, including bright and dim functions and all lights on/off.</p>	<ul style="list-style-type: none"> * 2 Flashing LED'S * IR to PLC converter * IR/RF to PLC converter also available * All units On / All units Off button * Dim and Bright button * 230V, 50Hz * Incl. UR81B/S IR Remote Control
<p>URTSIR+IR7243 Kit</p>  <p>IR to PLC Converter Kit</p>	<p>This Mini Infrared Command Console lets you use an IR/(RF) remote controller capable of transmitting X10 IR(RF) commands to turn on lights and appliances connected to X10 modules. It also includes buttons to control up to 16 X10 products directly from the console, including bright and dim functions and all lights on/off.</p>	<ul style="list-style-type: none"> * 2 Flashing LED'S * IR to PLC converter * IR/RF to PLC converter also available * All units On / All units Off button * Dim and Bright button * 230V, 50Hz * Incl. IR Touchscreen Remote
<p>Software packages to control X10 Home Automation products</p>	<ul style="list-style-type: none"> * VISAOWEB * HAL * HOMESEER * ACTIVE HOME * EHEM * HARMONY 	<p>ON REQUEST</p>